

AOML-SEFSC workshop

AOML - SEFSC continued collaborative success: Now and in the future

9:00 to 4:30 pm on May 29, 2014
SEFSC large conference room

9:00 am Coffee and muffins available in conference room

9:30 am WELCOME (Libby Johns, AOML)

Opening remarks

9:35 am Alan Leonardi (Deputy Lab Director, AOML)

9:40 am Theo Brainard (Deputy Director, SEFSC)

Programmatic Theme

9:45 am *Ecosystem-based science in south Florida*
Chris Kelble (AOML)

10:00 am *The Gulf of Mexico Integrated Ecosystem Assessment: Progress and vision*
Michael Schirripa (SEFSC)

10:15 am *Update on AOML's coral activities*
Jim Hendee (AOML)

10:30 am *An overview of scientific diving operations between SEFSC and AOML*
Jack Javech (SEFSC)

10:45 am *NOAA's Coral Reef Conservation Program's National Coral Reef Monitoring Plan*
Jennifer Schull (SEFSC)

11:00 am MORNING BREAK

Observations Theme

11:15 am *Evidence of climate-driven ecosystem reorganization in the Gulf of Mexico*
Mandy Karnauskas (SEFSC)

11:30 am *Collaborations between AOML and the NOAA-SEFSC Early Life History Lab: Past, present, and future*
Barbara Muhling (SEFSC/CIMAS)

11:45 am *Amazon River water in the northeastern Caribbean Sea and its effect on larval reef fish assemblages during April 2009*
Libby Johns (AOML)

12:00 pm *Fisheries oceanography during the Deepwater Horizon oil spill*
Ryan Smith (AOML)

12:15 pm LUNCH (box lunches from Panera will be provided in the conference room)

12:45 pm *Physical oceanography of coral reefs and other shelf-break ecosystems - a joint CIMAS/KML/NOAA effort*

Lew Gramer (CIMAS/AOML/FIO/USF/KML)

1:00 pm *Satellite derived indices of red tide in the Eastern Gulf of Mexico and groupers*
John Walter (SEFSC)

1:15 pm *The variability of preferred spawning grounds for bluefin tuna in the Gulf of Mexico during 1993-2011*

Ricardo Domingues (CIMAS/AOML)

1:30 pm *Inferring the movements of marine animals from satellite telemetry, Lagrangian drifters and ocean circulation models*

Nathan Putman (SEFSC)

1:45 pm *Ecosystems approach to assess multispecies fisheries risks from exploitation and environmental changes*

Jiangang Luo (RSMAS)

2:00 pm AFTERNOON BREAK

Modeling Theme

2:15 pm *Quantifying Florida Bay habitat suitability under climate change scenarios*

Kelly Kearney (CIMAS/AOML)

2:30 pm *SEFSC-AOML biogeochemical modeling project overview*

Sang-Ki Lee (CIMAS/AOML)

2:45 pm *SEFSC-AOML biogeochemical modeling update*

Yanyun Liu (CIMAS/AOML/SEFSC)

3:00 pm *Biological applications of Lagrangian Coherent Structures (LCSs)*

Josefina Olascoaga (RSMAS)

3:15 pm *Regional ocean models for the U.S. Caribbean islands and Florida Bay*

Laurent Cherubin (HBOI)

3:30 pm DISCUSSION ON FUTURE AOML-SEFSC COLLABORATIONS

4:30 pm CLOSING REMARKS (Barb Muhling, SEFSC/CIMAS)